

For Research Use Only

# HIC5 Polyclonal antibody

Catalog Number: 10565-1-AP

Featured Product

8 Publications



## Basic Information

<b>Catalog Number:</b> 10565-1-AP	<b>GenBank Accession Number:</b> BC001830	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 800 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7041	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> transforming growth factor beta 1 induced transcript 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 48 kDa	
<b>Immunogen Catalog Number:</b> AG0868	<b>Observed MW:</b> 48-50 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, A431 cells, mouse colon tissue, rat colon tissue IP : A431 cells, IHC : human spleen tissue, IF : A431 cells,
<b>Cited Applications:</b> IF, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xuanling Du	31740661	Cell Death Dis	IHC,IF
Ying He	35854639	Med Sci Monit	IHC
Liansheng Sha	33310972	Aging (Albany NY)	WB,IF,IHC

## Storage

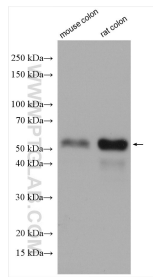
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

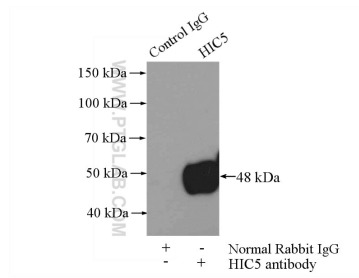
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

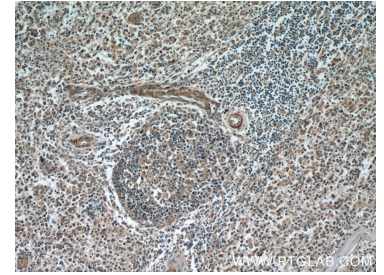
## Selected Validation Data



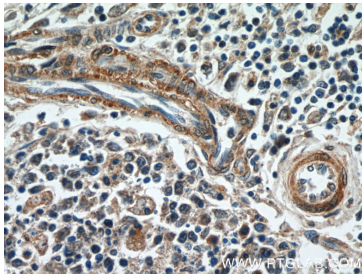
Various lysates were subjected to SDS PAGE followed by western blot with 10565-1-AP (HIC5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



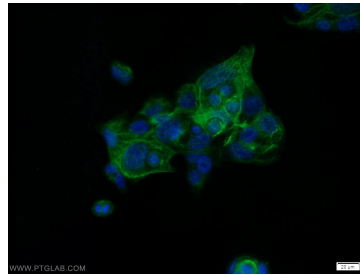
IP Result of anti-HIC5 (IP:10565-1-AP, 4 $\mu$ g; Detection:10565-1-AP 1:500) with A431 cells lysate 1520 $\mu$ g.



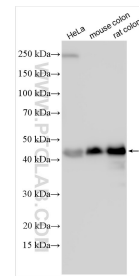
Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 10565-1-AP (HIC5 antibody at dilution of 1:50 (under 10x lens).



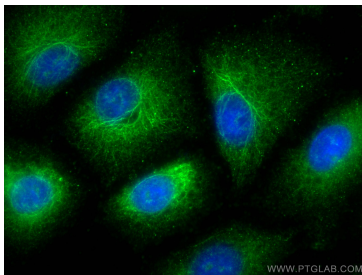
Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 10565-1-AP (HIC5 antibody at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of A431 cells using 10565-1-AP (HIC5 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 10565-1-AP (HIC5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using HIC5 antibody (10565-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).